

FIG. 1A

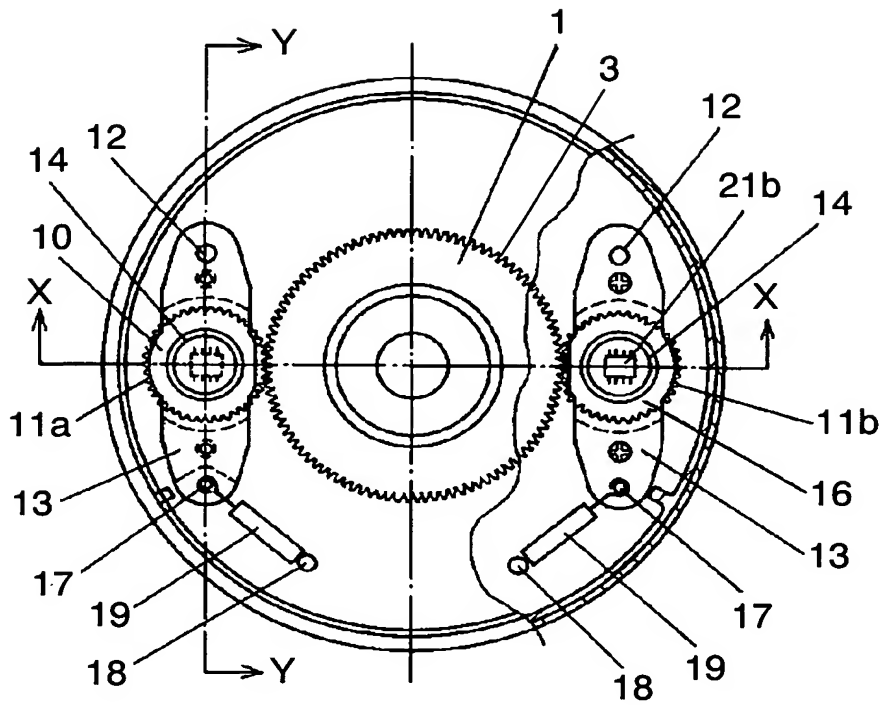


FIG. 1C

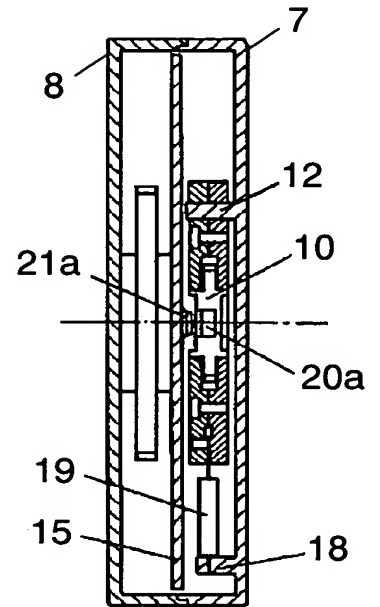
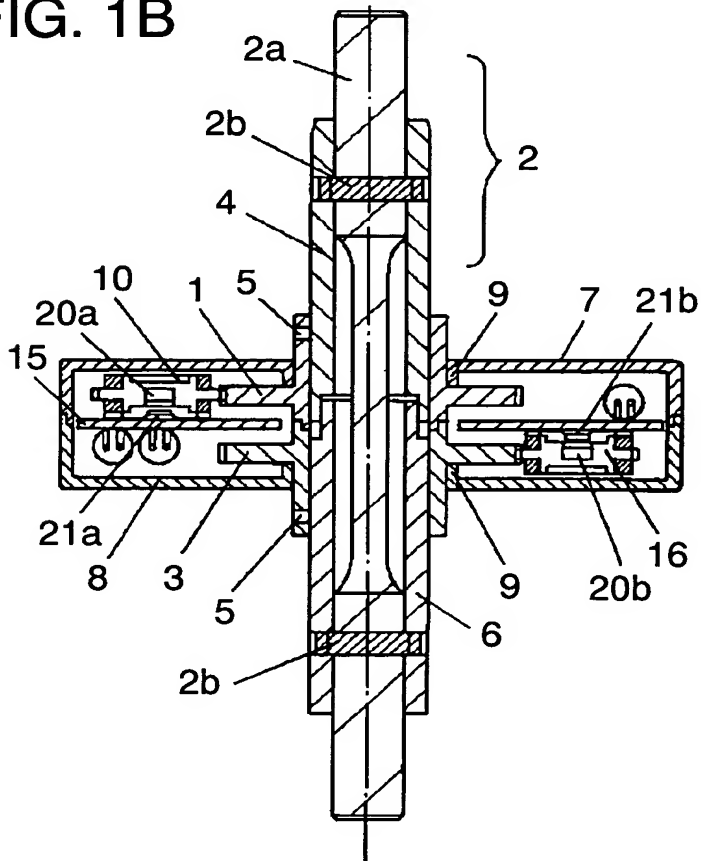


FIG. 1B



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FIG. 2

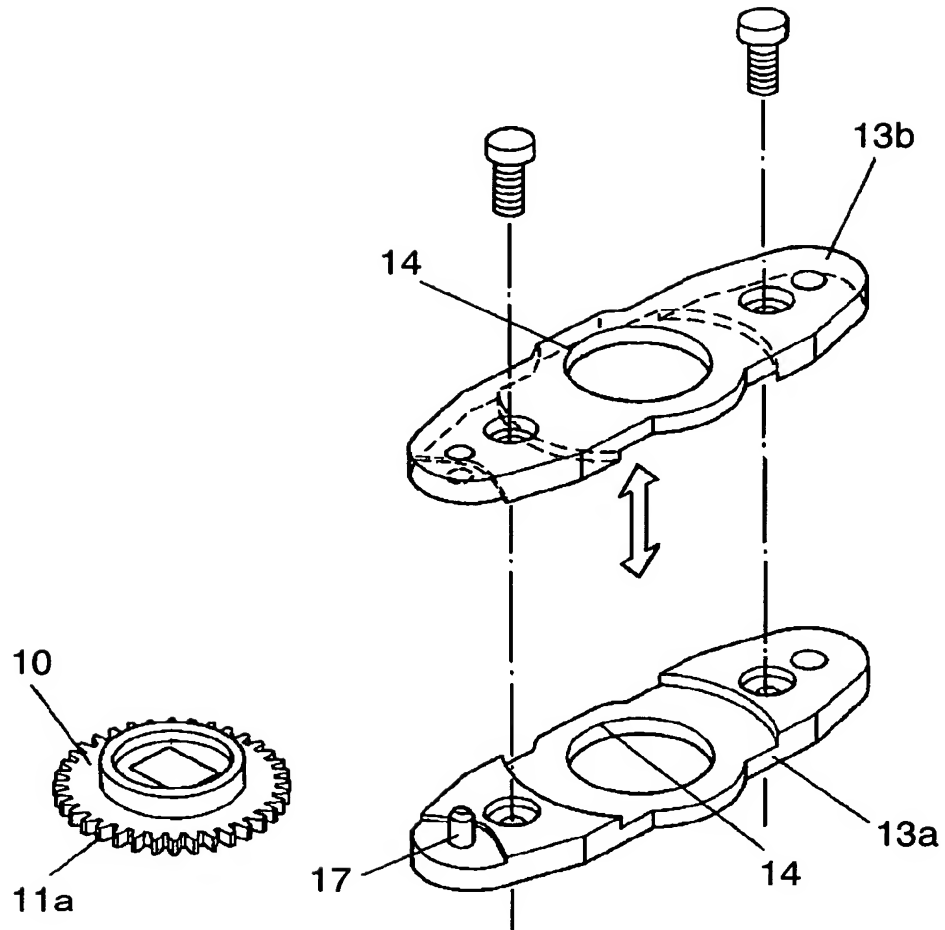
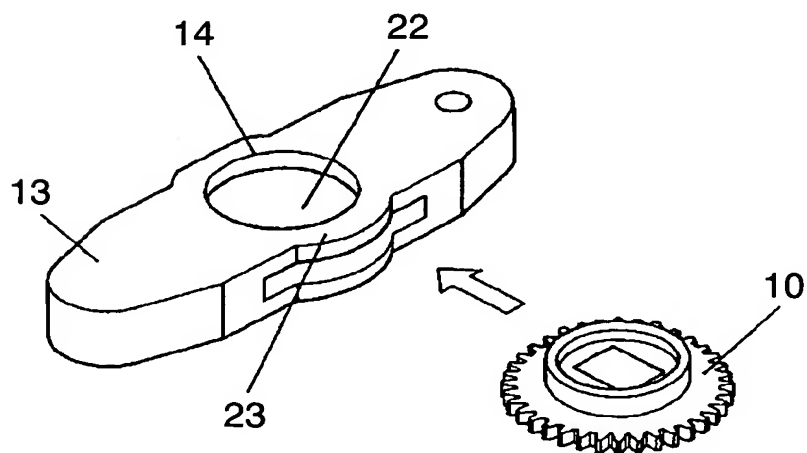
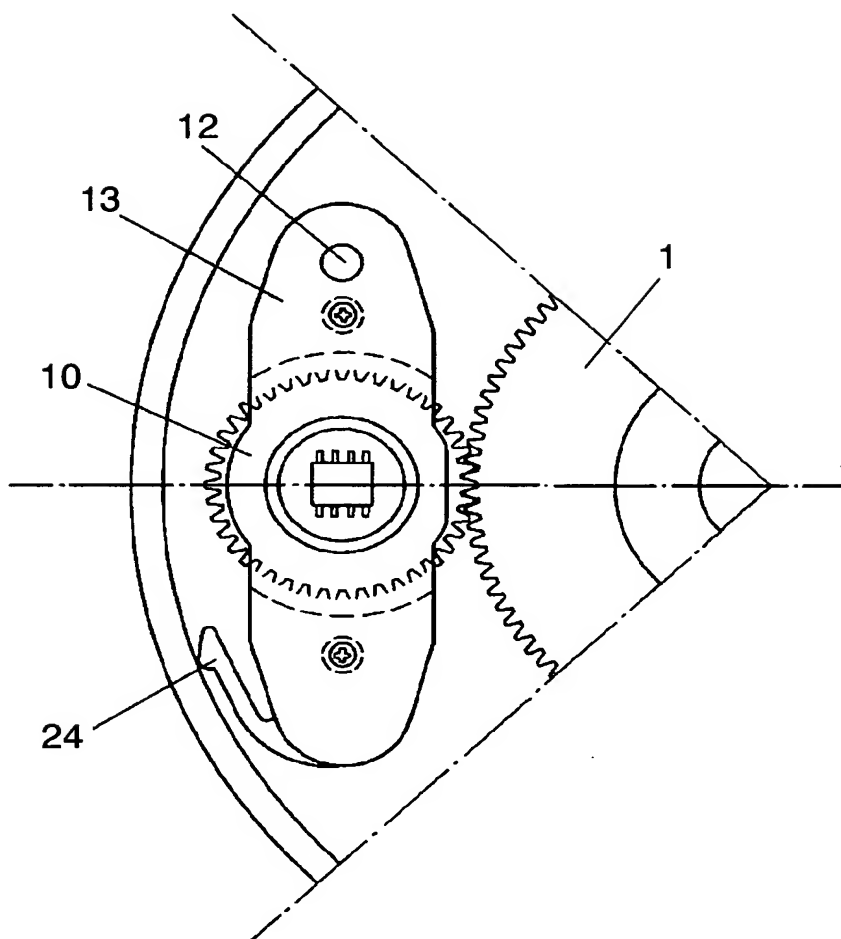


FIG. 3



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FIG. 4



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FIG. 5A

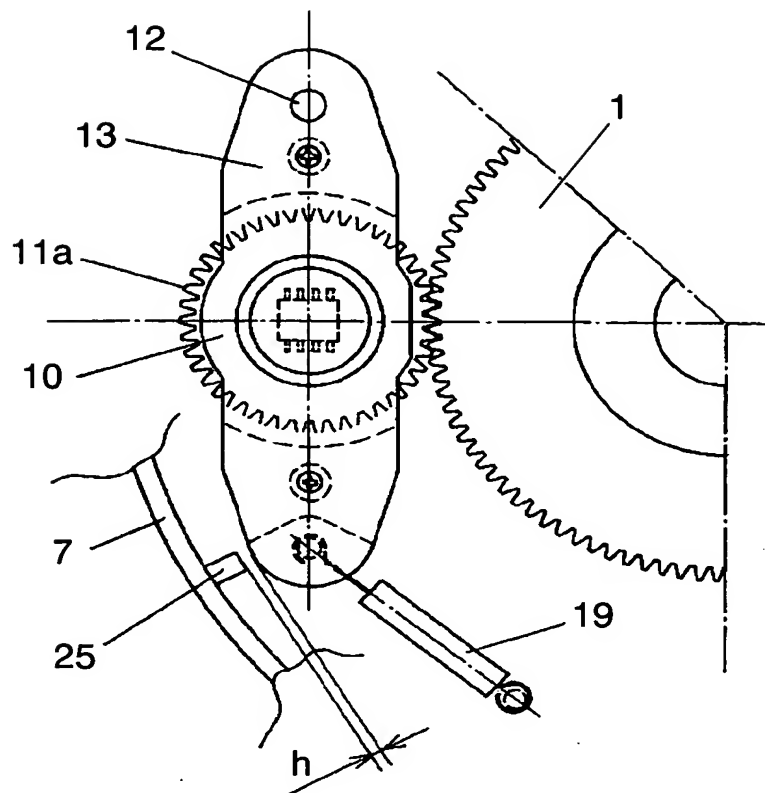


FIG. 5B

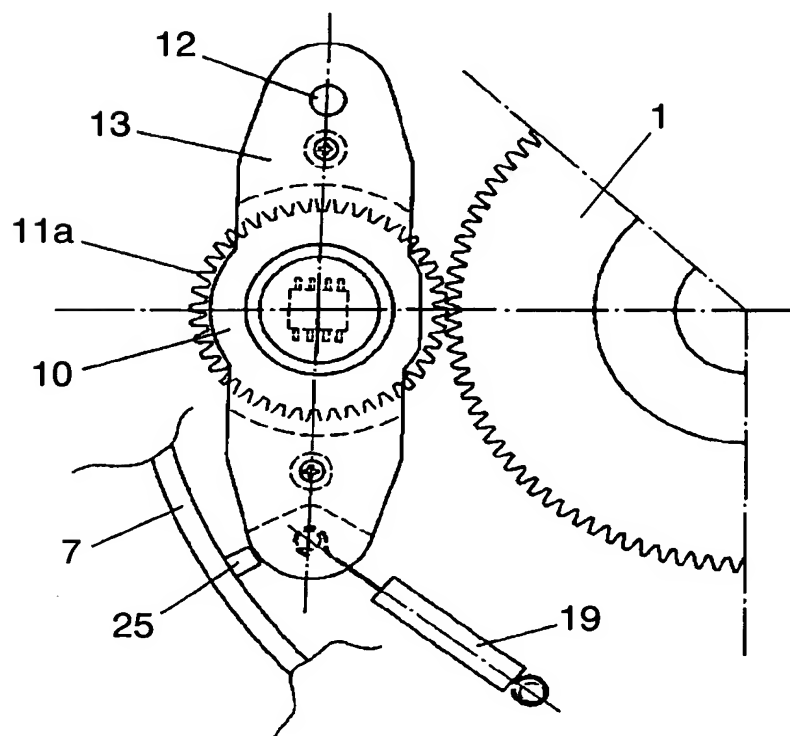


FIG. 6A

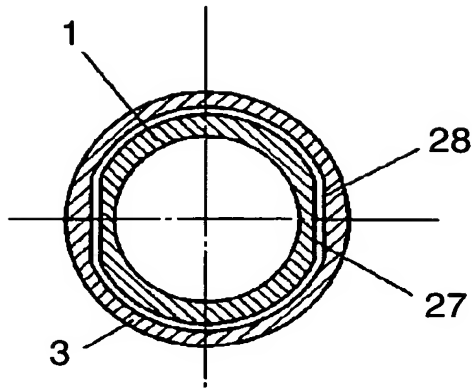


FIG. 6B

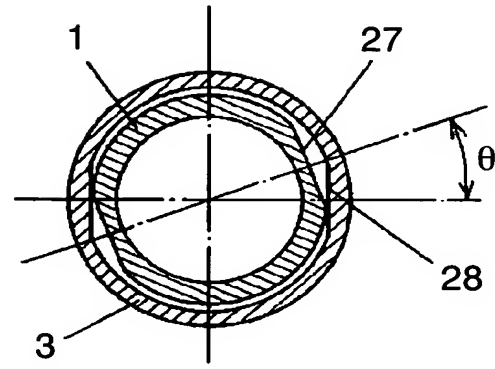
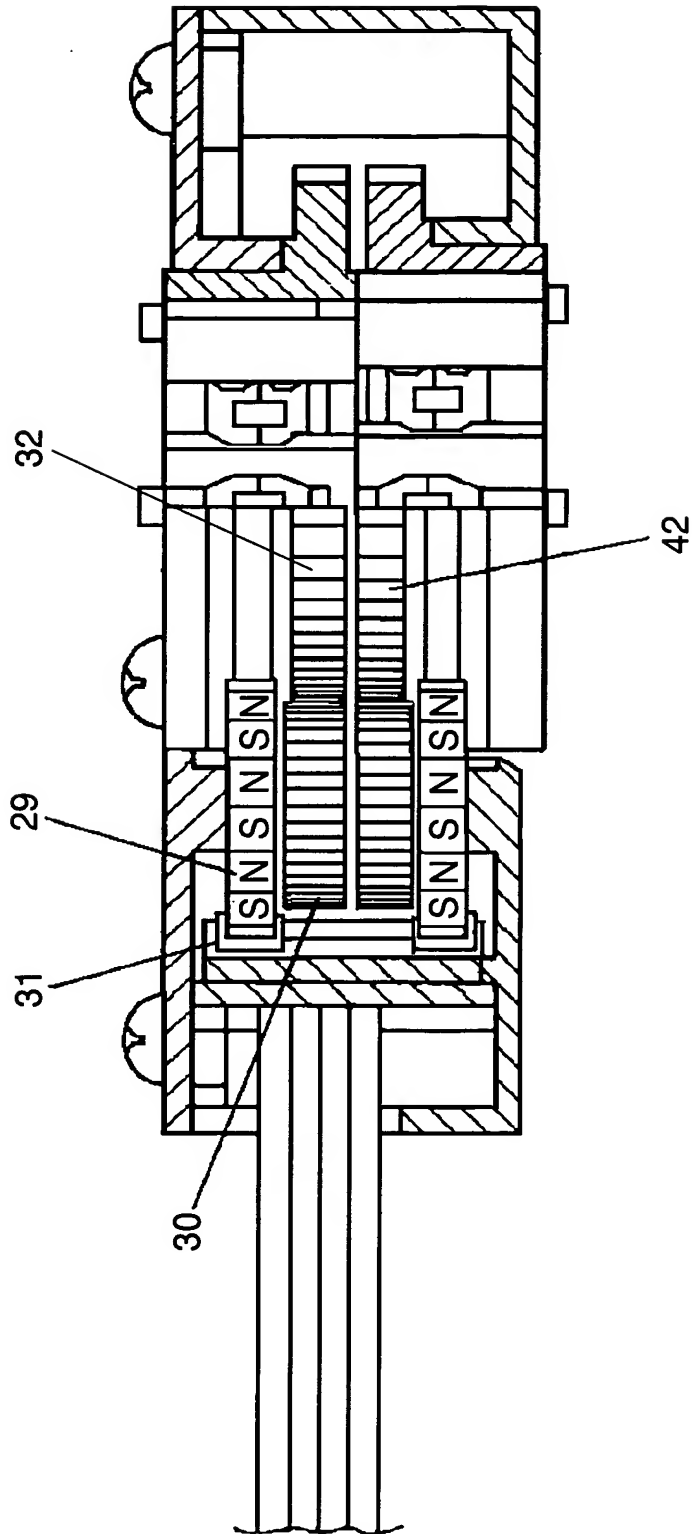


FIG. 7



Reference numerals in the drawings

- 1 first gear
- 2 torsion-bar unit
- 3 second gear
- 4 input shaft
- 6 output shaft
- 7 upper housing
- 8 lower housing
- 10 first rotor
- 12 pivot
- 13 arm
- 14 bearing
- 15 circuit board
- 16 second rotor
- 20a first magnet
- 20b second magnet
- 21a first magnetism detecting element
- 21b second magnetism detecting element
- 23 thin-based section
- 24 elastic body
- 25 arm stopper